

SYSTEM AND METHOD FOR ROUTING COMMUNICATIONS BASED ON WIRELESS COMMUNICATION QUALITY

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FIG. 1

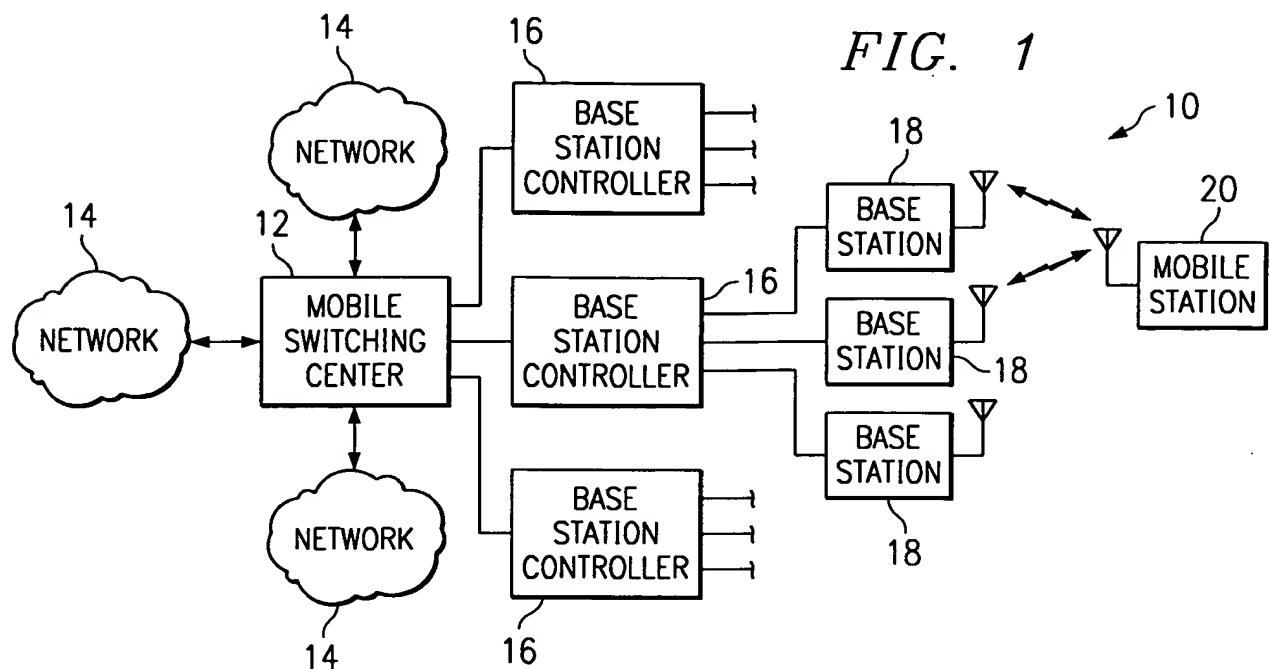
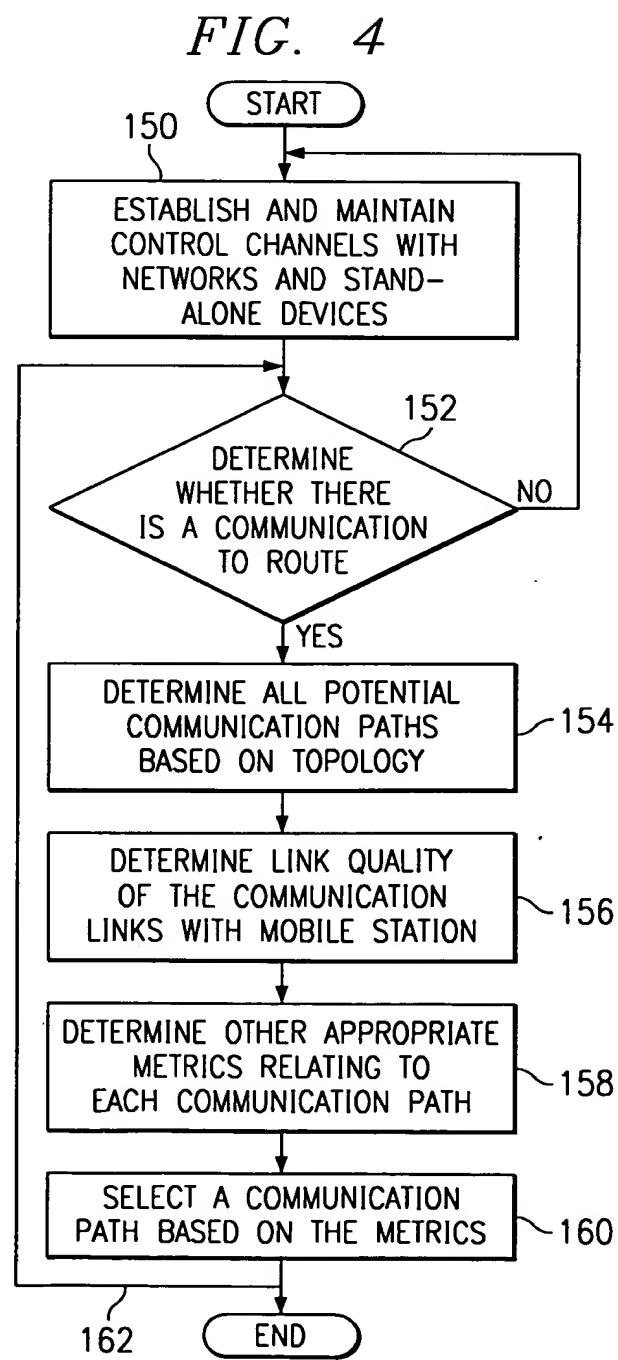
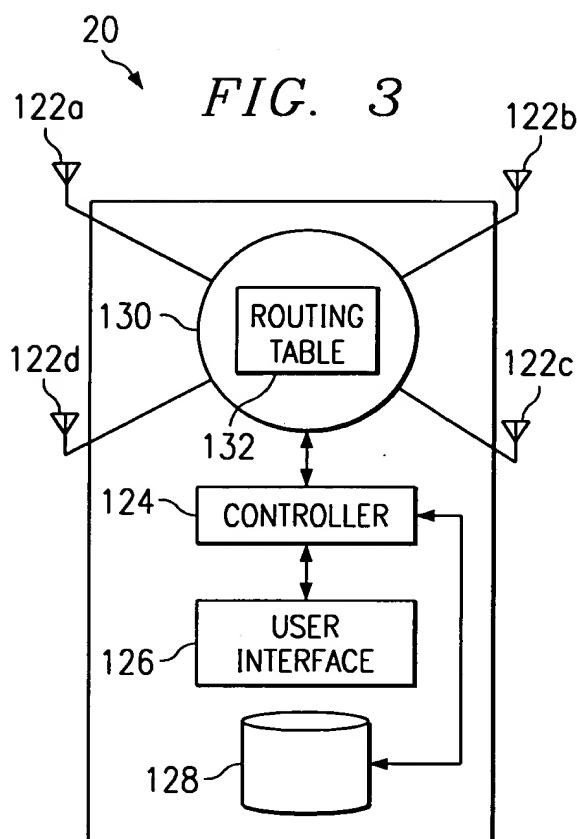


FIG. 2

This block diagram illustrates a mobile communication system architecture. At the center is a **MOBILE STATION** (20). It is connected to a **DEVICE** (42) via RS232 and to a **SATELLITE** (32) via a vertical line. The central **MOBILE STATION** (20) is also connected to a **DSL MODEM** (34) and a **DOCSIS MODEM** (36). The **DSL MODEM** (34) is connected to an **ATM** (38) cloud, and the **DOCSIS MODEM** (36) is connected to a **CABLE** (40) cloud. The central **MOBILE STATION** (20) is also connected to a **BLUETOOTH** module, which is connected to another **MOBILE STATION** (20). This second **MOBILE STATION** (20) is connected to a **BASE STATION** (22). The **BASE STATION** (22) is connected to a **IP BASE STATION** (26). The **IP BASE STATION** (26) is connected to a **ACCESS POINT** (30), which is connected to an **IP** cloud. The **IP** cloud is connected to a **GPRS** cloud and a **PSTN** cloud. The **GPRS** cloud is connected to a **BASE STATION CONTROLLER** (16), which is connected to a **MOBILE SWITCHING CENTER** (12). The **MOBILE SWITCHING CENTER** (12) is connected to the **PSTN** cloud. A vertical line labeled **40** connects the **ATM** cloud to the **IP** cloud. A vertical line labeled **40** also connects the **CABLE** cloud to the **IP** cloud.

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FIG. 5

